Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 08 Dec 2021 until 23:59 on Thursday 09 Dec 2021

Forecast Issued on Tuesday 07 Dec 2021 at 15:25

Confidence: High confidence for a showery outlook on Wednesday with some brighter conditions on Thursday. High confidence for milder air to return on Saturday. Lower confidence in shower amounts and frequency.

Headline for Wednesday 08 Dec 2021: Wintry showers continuing but some brighter weather likely later in the afternoon, very poor visibility at times.

Mountain weather hazards on Wednesday 08 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Sleet	Sleet	Heavy rain showers	Light rain	Sleet	Sleet
Precipitation probability							
70%	70%	70%	40%	40%	40%	40%	40%

Forecast for Wednesday 08 Dec 2021

Weather: Showers continuing overnight with frequent snow or sleet showers, some accumulations likely on the higher tops. Winds will ease but still a significant chill effect at height. Showers will continue through the morning but will turn to sleet or rain below 600m. A few brighter spells will develop during the afternoon but showers continuing.

Chance of cloud free mountain/hill tops above 600m: 20% rising to 40% for a time in the afternoon. Lower cloud associated with showers, will shroud the tops at times.

Visibility: In wintry showers visibility will fall to less than 1km at times with near whiteout conditions, cloud bases will also fall to around 4-500m accompanying the showers. Outwith showers cloud bases will be more scattered at 600m and visibility will be moderate or good under the cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 08 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	36/47 S	34/44 S	31/41 SW	30/40 SW	27/36 SW	23/31 W	21/27 W	17/23 W	20/27 W
300	30/42 S	28/40 S	25/36 SW	23/33 SW	21/30 SW	19/28 W	15/23 W	13/21 W	14/22 W
Valley	20/41 S	18/38 S	16/33 SW	15/32 SW	14/28 SW	13/26 W	10/21 W	9/20 W	8/20 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-8	0/-8	0/-8	0/-7	1/-6	1/-6	1/-6	1/-5	1/-5
300	3/-4	2/-5	2/-4	3/-3	3/-3	3/-3	3/-2	3/-2	4/-1
Valley	3/-3	3/-3	3/-2	3/-2	4/-1	3/-1	4/-0	4/0	4/1
Freezing Level*	600m	600m	700m	700m	700m	700m	800m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Southwesterly winds easing throughout the day but still feeling bitterly cold on the peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 07 Dec 2021	5.2mm	6.4mm	18.8mm

Forecast for Thursday 09 Dec 2021

Weather: A more settled day than of recent with some bright spells possible and mainly light winds. A few showers are likely especially during the afternoon. Clouding over later in the afternoon as a band of sleet and rain spread east during the evening, wintry above 600m so mostly falling as rain or sleet.

Maximum wind: Northwesterly 15-20mph becoming southwesterly 10mph later.

Chance of cloud free mountain/hill tops above 600m: 80% falling to 60% later in the day. Mainly clear tops in the morning but scattered cloud forming around showers and also as the front approaches in the evening.

Visibility: Mainly good but dipping in any showers. Patches of cloud around 600m in the morning and afternoon around showers, cloud bases falling to 500m in the evening.

Temperature: **Valleys:** Plus 2 rising to Plus 6 Celsius.
At 600m: Plus 3 Celsius
Freezing level: Around 700m

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